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Jan 16, 2001

DERWENT-ACC-NO: 2000-354193
DERWENT-WEEK: 200106
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TITLE: Thermally developable image-recording material - containing organic silver salt,
reducing agent and organic binder

INVENTOR: KATO, K

PATENT-ASSIGNEE: FUJI PHOTO FILM CO LTD (FUJIF)

PRIORITY-DATA: 1998JP-0292869 (September 30, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6174663 B1	January 16, 2001		000	G03C001/498
JP 2000112064 A	April 21, 2000		019	G03C001/498

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6174663B1	September 30, 1999	1999US-0409666	
JP2000112064A	September 30, 1998	1998JP-0292869	

INT-CL (IPC): G03 C 1/498

ABSTRACTED-PUB-NO: JP2000112064A
BASIC-ABSTRACT:

NOVELTY - Thermally developable image recording material contains organic Ag salt, reducing agent and organic binder. and the organic compounds of specified formulae.

DETAILED DESCRIPTION - Thermally developable image recording material contains organic Ag salt, reducing agent and organic binder. and the organic compounds of formulae (I) and (II). R1 = H atom, alkyl, aryl, hydroxy, amino, thiol, alkoxy or thioether group; R2, R3 = H atom or 1-4 substituents. INDEPENDENT CLAIMS are also included for: (1) the thermally developable image recording material, claimed above, which contains photosensitive Ag halide grains; (2) the thermally developable image recording material, claimed above, which contains contrast-enhancing agent(s); (3) the thermally developable image recording material claimed above, which contains photosensitive Ag halide grains, and (4) the thermally developable image recording material, claimed in the second claim, which contains contrast enhancing agent.

USE - The material is suitable for image recording, utilizing image wise exposure with laser scanning etc., and rapid thermal development with little fog.

ABSTRACTED-PUB-NO: US 6174663B
EQUIVALENT-ABSTRACTS:

NOVELTY - Thermally developable image recording material contains organic Ag salt, reducing agent and organic binder. and the organic compounds of specified formulae.

DETAILED DESCRIPTION - Thermally developable image recording material contains organic Ag salt, reducing agent and organic binder. and the organic compounds of formulae (I) and (II). R1 = H atom, alkyl, aryl, hydroxy, amino, thiol, alkoxy or thioether group; R2, R3 = H atom or 1-4 substituents. INDEPENDENT CLAIMS are also included for: (1) the thermally developable image recording material, claimed above, which contains photosensitive Ag halide grains; (2) the thermally developable image recording material, claimed above, which contains contrast-enhancing agent(s); (3) the thermally developable image recording material claimed above, which contains photosensitive Ag halide grains, and (4) the thermally developable image recording material, claimed in the second claim, which contains contrast enhancing agent.

USE - The material is suitable for image recording, utilizing image wise exposure with laser

scanning etc., and rapid thermal development with little fog.

CHOSEN-DRAWING: Dwg.0/0 .

DERWENT-CLASS: E11 G06 P83

CPI-CODES: E05-G01; E05-G02; G06-A06; G06-C08; G06-F01A; G06-H03;